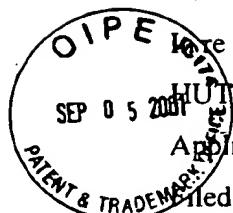


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RS

12-5-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Non-PATENT APPLICATION OF

HUTTUNEN

Appn. No.: 09/807,131

Filed: May 23, 2001

Group Art Unit: 2631

Examiner: To Be Assigned

Title: METHOD FOR SELECTING MODULATION
DETECTOR IN RECEIVER, AND RECEIVER

September 5, 2001

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PRELIMINARY AMENDMENT

Hon. Commissioner of Patents

Washington, D.C. 20231

RECEIVED
SEP 06 2001
Technology Center 2600

Sir:

Prior to initial examination on the merits, please amend the above-identified application as follows:

IN THE CLAIMS:

Please enter the following amended claims 1-10:

1. (Amended) A method for selecting a modulation detector in a receiver which includes at least a first and a second detector, the method comprising:

determining at least one cross-correlation value between a stored training sequence and at least one training sequence of a received signal; and

selecting a detector used for detection of a signal to be received on the basis of the determined at least one cross-correlation value.

2. (Amended) The method of claim 1, wherein determining at least one cross-correlation value further comprises:

searching for an ideal synchronization point of the received signal, at which point the cross-correlation between the training sequence of the received signal and the stored training sequence has a maximum value; and